



1000L Antistatic EX-Type IBC

Quality, safety, durability and sustainability included.

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Packaging Solutions



1000L Antistatic EX-Type IBC

Our 1000L Antistatic EX-Type IBC complies with UN packaging standards for dangerous goods. Featuring an HDPE inner tank, galvanized steel frame, antistatic conductive structure and welded butterfly valve, it releases static charge to prevent ignition risks when storing and transporting flammable liquids. Suitable for Zone 1 & Zone 2 hazardous areas (while complying with statutory and company-specific safety precautions and regulations).



1 Technical Data

Item	Value
Brimful Capacity	1060 L
Nominal Capacity	1000 L
Length	1200 mm
Width	1000 mm
Height with Pallet	1150 mm
Filling Opening Diameter	150 mm
Discharge Opening Diameter	50 mm
Fork Opening Height	100 mm
Label Plate Quantity	2 pcs
Weight of Inner Container	15 kg
Approx. Total Weight	75±2 kg

2 Basic Product Overview

Parameter	Content
Standard Matching	DN150 anti-static filling assembly with DN50 anti-static welded ball/butterfly valve
Standard Accessories	2 steel label plates, Steel-jacketed outer surface
Pallet Spec	1000×1200 mm four-way entry stainless steel frame pallet, static conductive design
Overall Structure	Full stainless steel tubular grid outer shell frame, four-way entry static dissipative steel pallet, full anti-static assembly configuration

3 Detailed Breakdown

3.1 Outer Frame & Pallet: Full stainless steel conductive frame with label plates and anti-static corner guards, static discharge for Zone 1/2, strong corrosion resistance.

3.2 Inner Container: Anti-static UV-stabilized blow-molded PE-HD tank.

3.3 DN150 Fitting: Anti-static threaded cap with vent plug and conductive EPDM gaskets.

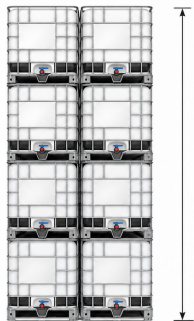
3.4 DN50 Valve: Anti-static explosion-proof ball/butterfly valve with anti-static sealing film.

3.5 Compliance: Electrostatically safe in accordance with IEC/TS 60079-32-1:2013. Suitable for Zone 1 & Zone 2 hazardous areas (while complying with statutory and company-specific safety precautions and regulations).

4 Component Structure & Material Specifications

4.1 Dynamic Transport Stacking:

For transportation and storage, a maximum of two stacking layers is permitted when the product density is less than 1.5. For products with a density greater than 1.5, only single-layer stacking is permitted.



4.2 Static Warehouse Storage Stacking:

Fully filled composite IBCs allow a maximum stacking height of 4 layers under stationary indoor storage conditions.

* Please place on a flat and solid surface and ensure even load distribution.

IBC Lids

Compatible with all IBC tank sizes. Equipped with DN150/DN225 external threads and G2 vent plug for wide compatibility. Conductive anti-static EPDM, TPE or FKM gaskets are optional for Zone 1/2 explosive hazardous areas. Blind caps and custom colors available on request.



IBC Discharge Valves

Universal DN50 & DN80 outlets fit all standard IBC tanks. Anti-static ball valves and integrated butterfly valves with camlock connectors are selectable, fitted with conductive EPDM/FKM seals for flammable liquid storage. Welded valves are strongly recommended for overseas transport to improve durability. Custom color options are supported.



IBC Pallets

Only all-metal pallet solutions available, including galvanized steel and full stainless steel conductive models. Both types feature high load capacity and continuous static conductive structure to eliminate static sparks in explosion-prone environments.





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Email: info@jieyuanpackaging.com

WhatsApp: +6583003392

Contact Number: 0511-85518258